

JANUARY, 1985

L O G

SPRAGUE DEDICATES NEW WORLD HEADQUARTERS



Dr. Sprague and Robert Hutchinson listen to the remarks of Donald McGuinness.



Dr. Sprague and Alfred W. Martinelli.



Left to right: James P. Sherry, Harold W. Mahar, Thomas L. Browne, Peter W. Maden and Peter R. Loconto.



Left to right: Eugene Swartz, Larry K. Switzer, John F. Darcy, John W. Murphy and Douglas P. Smith.

Sprague Electric Company's new world headquarters located in Lexington, Massachusetts was dedicated on December 6, 1984 by Dr. John L. Sprague, President and Chief Executive Officer of this unit of The Penn Central Corporation.

Despite a freezing rain, more than 130 customers, company officials, representatives of the academic community, and state and local civic and political leaders attended ceremonies in the contemporary, two-story brick and glass building at 92 Hayden Avenue. When staffing for the headquarters is completed, it is expected that approximately 50 key managers and their related support staff will be located there.

During the ceremonies, Dr. Sprague spoke about events in the last two years that led to the dedication. "Much of the planning that has culminated in the events today," he said, "has already greatly changed the way in which our company is doing business in the highly competitive environment of the electronics industry. Starting in 1982, and continuing into early 1983, we began to re-examine our goals and the future outlook for Sprague."

With the support of Penn Central, we formulated a far-reaching, accelerated plan for growth having a goal of \$1 billion in sales by 1987. Current estimates for 1984 indicate that we will achieve an all-time record high in sales, in excess of \$500 million. We are confident that we can achieve our ambitious goal for 1987."

Dr. Sprague said, "Much of the groundwork has already been laid. This has involved changes in our organization and even in the basic attitudes and makeup of the company itself. I would like to emphasize," he continued, "that some of the decisions have not come easily."

"We now have in place a management team and organization which is worldwide in scope, and with enough of the authority delegated to the proper level of management so that we have the flexibility necessary to operate in today's competitive environment."

Dr. Sprague emphasized that the company intends to maintain its dominant posi-

tion in capacitors and will increase its commitment in semiconductors and integrated circuits, the non-capacitor businesses that have the greatest growth potential for Sprague.

Alfred W. Martinelli, President and Chief Executive Officer of The Penn Central Corporation also participated in the dedication ceremony. Calling Sprague the flagship of Penn Central's organization, he stressed the importance of Sprague and its plans for accelerated growth to the parent corporation. In his brief address, Mr. Martinelli confirmed that Penn Central is fully supportive of the expansion and acquisitions that will enable Sprague to achieve its goal and that Sprague Electric "by far has the biggest share of capital expenditures by Penn Central."

During the ceremony, Dr. Sprague introduced the members of his Senior Management team. They are: Donald F. McGuinness, Executive Vice President; John F. (Jack) Darcy, Senior Vice President, Worldwide Marketing and Sales; John W. Murphy, Senior Vice President, Technology and Support; Larry K. Switzer, Senior Vice President, Finance and Administration; Douglas P. Smith, Director, Strategic Planning and Development.

The Operations Vice Presidents with worldwide responsibility in their respective product areas are: Thomas L. Browne, Vice President, Aluminum Electrolytic Capacitor and Thick-Film Divisions; Peter R. Loconto, Vice President, Integrated Circuit Divisions; Peter W. Maden, Vice President, Tantalum Capacitor Division; Harold W. (Hal) Mahar, Jr., Vice President, Special Components Group; William M. Milton, Vice President, Monolithic Ceramic Capacitor Division; and James P. Sherry, Vice President, Film Capacitor Division.

To commemorate the event, Dr. Sprague announced the official adoption of a new logo for the Sprague Electric Company which reflects the worldwide scope of its operations. The new design incorporates a stylized globe on which the letter "S" has been superimposed.

SPRAGUE NAMED EMPLOYER OF THE YEAR

At the annual banquet held October 30, 1984, in Tilton, New Hampshire, Sprague Electric Company of Concord was awarded the Employer of the Year Award by Independent Labor Systems, a non-profit corporation that assists disabled persons who enter the work force.

Sprague was presented a plaque and was cited by Governor John H. Sununu for "its effort in developing useful work for the disabled in various non-sheltered workshop environments."

This is the first such award of its kind given to business or industry in New Hampshire. In addition to the above, Governor Sununu also cited Independent Labor Systems and Sprague for their pioneer work with the handicapped in this regard.

DR. SPRAGUE ELECTED EIA VP

At its 60th Annual Fall Conference in Los Angeles, California, EIA's Components Group, Solid State Products Division, named Dr. John L. Sprague of Sprague Electric Company as one of its officers for 1985.

The Solid State Products Division reelected Frank S. Stein, Delco Division/General Motors Corporation, chairman and named him to the Board of Governors. Dr. Sprague, President and Chief Executive Officer of this unit of The Penn Central Corporation, was chosen to serve as industry vice president and Ronald C. Whigham, Westinghouse Electric Corporation was reelected to the EIA Board of Governors.

ICING ON THE CAKE

October 11, 1984 was a festive day at the Sanford, Maine facility. Plant Manager Bob Poitras, invited all 1300 employees to join him for cake and beverages in recognition of their contribution in helping the plant attain the highest sales week in its history.

A four foot cake congratulating the employees on this record was set up in the cafeteria. Poitras answered employee's questions and spoke to them expressing his appreciation for their part in this achievement.

We are told that people were delighted by the party, and that they were pleased by management's acknowledgement of their contributions in the team effort to manufacture solid tantalum capacitors.



VISALIA'S EFFORTS RECOGNIZED

On October 10, 1984, Sprague Visalia was honored by the local State Department of Rehabilitation for its continued efforts to employ the handicapped. The award, which was the first to be given to an individual business, was presented in recognition of Handicapped Awareness Week (October 8-12, 1984).

In the past year, Visalia has hired three disabled workers, two of whom are severely disabled, who were clients of the Department of Rehabilitation. According to Donald Sowers, Human Resources Manager, the Company did not go overboard to hire handicapped workers: "We did something that is keeping with our routine; hiring people that can do the job."

This outstanding effort at Visalia was noted by more than just the state agency: A lengthy article in the Visalia Times-Delta highlighted the plant's achievements, as did a story on a local television station.

DANIEL APPOINTED

Effective November 29, 1984, Jack L. Daniel was appointed to the position of Vice President of the Large Can/Large Tubular Business Unit of the Aluminum Division.

Jack joined the Company in 1975 as Plant Manager of Hillsville with subsequent promotions to Plant Manager, Lansing, Division General Manager and Division Operations Vice President.

Prior to joining Sprague, he held various engineering and plant management positions in Sylvania Electric and Corning Glass Works.

Jack received a B.S. Degree in Mechanical Engineering from Grove City College in 1957.

WORCESTER HIGHLIGHTS SHOW

Recently, an industry show for surface-mount components was held in Worcester, Massachusetts at the Centrum and Sprague Worcester played a prominent role in its success. Taking part were exhibitors from 58 companies throughout the United States.

Sprague's exhibit, which illustrated active and passive surface-mount components manufactured by many of our branch operations, was designed by Advertising & Sales Promotion in North Adams and staffed by personnel from the Boston Sales Office. In addition, a tour of the Integrated Circuit Operation in Worcester was made available to show attendees so that they could have an opportunity to observe the actual manufacture of integrated circuits and to obtain real answers to current system design or production problems.

Not surprisingly, the plant tour became a highlight of the show. Three hundred forty-three people viewed the Worcester facility, including 30 corporate presidents, 10 vice presidents, 12 directors, 3 senior managers, 94 managers, 32 senior engineers and 92 engineers. The report from Worcester is that all were impressed by the operation. To ac-

commodate this large and impressive group, buses were rented to transport visitors between the show and the Worcester plant and 15 tour guides were recruited from the plant's employees. For sensitive production areas, closed circuit television monitors were installed for use during the tour.

Surface-mount components, along with microprocessors and 256K RAMs are making important changes in the electronics industry and are allowing smaller, low-cost circuits to be mass-produced in the United States.

RUBINSTEIN AWARDED

Harry W. Rubinstei, founder and retired president of our former subsidiary, Sprague of Wisconsin, Inc., has received the prestigious Cleo Brunetti Award of the Institute of Electronic and Electrical Engineers "for early key contributions to the development of printed components and conductors on a common insulating substrate." Mr. Rubinstei, right, is shown receiving the award from Jerome Suran, IEEE representative, during ceremonies at the International Solid-State Circuits Conference in San Francisco earlier this year.

Accompanying the award to Mr. Rubinstei for his invention of ceramic-based thick-film hybrid circuits and thick-film resistor networks was an honorarium of \$1000.



SPRAGUE ELECTRIC LOG ISSUE 4, 1985

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Elaine Webber, Annapolis Junction
Walter D. Wood, North Adams
Albert L. Zigler, Jr., Wichita Falls

The award is made annually for "outstanding contributions in the field of miniaturization." In 1978, the first Brunetti award was given jointly to Jack S. Kilby of Texas Instruments and Robert N. Noyce, then of Fairchild Camera and Instrument Corp., for their invention of the silicon integrated circuit.

FLYING SAFELY

The National Business Aircraft Association Inc. (NBAA) recently presented its annual safety awards to Sprague Electric Company, Sprague Aviation Pilots and the Sprague Aviation Company for flying 9,723,450 miles without an accident.

Sprague pilots receiving the Corporate Business Flying Safety Awards (with the miles they have flown safely) are: Chief Pilot Alan Isherwood, 1,456,445; Captain Peter Esposito, 2,611,108; Captain Mark Thaiz, 1,108,075; Captain David Demick, 640,085; and Captain Dennis Klein, 562,405.

In addition, an Aviation Maintenance Safety Award was presented to William J. Bleil, Vice President and General Manager for Sprague Aviation Company.

The annual NBAA Safety Awards are prized within the aviation industry and our aviation personnel can take pride in the fact they are continuing to maintain the high level of safety that has been a trademark of Sprague Aviation for many years. All associated with the activities are to be congratulated on this significant achievement.

STUDENTS SAVE MONEY

Two University of New Hampshire students have developed computer software expected to save Sprague Electric Company more than \$200,000 a year, according to Company officials.

Robert Figler, of Amherst, a senior majoring in electrical engineering, and David Zeckhausen, of Laconia, now a graduate student at Duke University, worked this summer at Sprague's Concord facility through the UNH Field Experience Program, which finds work experiences for more than 400 UNH students each year.

Don McGuinness, Sprague Electric Executive Vice President, who came to Concord this month for a demonstration of the software, said that "the students have made a real contribution to the Company."

"My summer at Sprague was great," says Figler, "because Jake (Higgs) gave me the freedom to pursue an area where I could really contribute and make a difference — and I did make a difference."

The software will save Sprague Electric hundreds of working hours by automatically monitoring production of a magnetic switching device known as the Hall Effect Device and deciding the most efficient way to distribute it to buyers. The program also provides information on production trends for the engineering department. In the past, data was entered manually into several computers at different locations in the plant.



Rob Figler, University of New Hampshire electrical engineering senior (left foreground) demonstrates his money-saving program to Don McGuinness, Executive Vice President of Sprague Electric Company (center foreground). Looking on (from left to right) are Ralph Spencer, General Manager, Packaged Discrete Semiconductors; Ruth Cotton, General Manager, Hall Effect Sensors; Hal Mahar, Vice President, Special Component Group; Jay Towne, Design Engineer (also UNH graduate); and Jake Higgs, Engineering Manager, Hall Effect devices.

ORLANDO REACHES 100 PPM GOAL

On Thursday, October 25, 1984, at a quarterly plantwide meeting, Marty Daigneault, Plant Manager, announced that Orlando had accomplished its objective of reducing defective parts shipped to customers to less than 100 parts per million for the past two months. This is considered a tremendous accomplishment on the part of the employees, and a major factor in the continuing success of the Orlando plant.

Left to right — Captain Peter Esposito, Captain David Demick, Chief Pilot Alan Isherwood, Captain Dennis Klein, and Captain Mark Thaiz.

RECIPIENTS HONORED

Sprague Electric Company had a total of 153 Quarter Century recipients in 1984. This brings the total membership in the Club to 2052. Employees honored for 25 years service were:

BARRE: Richard Victor Cecchini, Milford A. DeCell, Carlyle V. Pierce, Earle Sanborn, Maurice C. Soucy.

CLINTON: Curtiss M. Gilbert

CONCORD: Joanne Andrew, Ginny Azotea, Muriel Baillargeon, Dorothy Baker, Francis A. Bilodeau, Jeanne Blazon, Madelyn Buttrick, Janet Lee Case, Adeline Jeanne Chroniak, Amelia S. Constant, M. Louise Coulombe, Paul D. Croteau, Simone A. Croteau, George F. Ford, Rod Foster, Jeanne Gagne, Alfred H. Gibbs, Flossie A. Gilbert, Jean Grund, Howard H. Hazeltine, Irving S. Heath, John H. Howard, Edward R. Jakusik, Richard G. Jewell, Louise Josephson, Robert LaClair, Edith L. Langley, Mary Maynard, George E. Mills, Evelyn G. Mitchell, Constance G. Morin, Millie Peloquin, Robert L. Poulin, Sr., Louis Raduazo, Marjorie Rheume, Georgette Saucier, Geraldine Schlehuber, Clifford R. Seddon, Ralph D. Spencer, Carol Ann Thornton, Beatrice Welch

LANSING: Wylene Barker, Virginia Bowers, Deane Childress, Charles E. Cox, Arlene G. Davis, Lorene L. Edwards, Hattie Eldredt, June Gilley, Donald M. Goodman, Thomas Hardin, Jane O. Hartsoe, Max Henderson, Bobby L. Jones, Attie Sexton, Mary Lee Knight, Hazel P. Latham, Juanita Leek, Ruth S. Little, Billy J. May, Pat McGrady, John H. McIntyre, Eva C. Miller, Maxie M. Miller, Jesse C. Mock, W. Paul Norris, Lester Parker, Jr., Carol J. Patrick, Vyanna Pennington, Joe G. Price, Irene Price, John W. Roberts, Mary M. Roberts, Maxine Roop, Pauline Roten, Maggie Segraves, Herbert Sexton, Warren M. Parsons, Jerry P. Smith, Corena C. Snyder, Dorothy Testerman, Harry Tribble, Frank Walker, Betty L. West, W. R. Wood, Lois L. Wyck

NASHUA: Rita Cadieux, Lionel Jean, Marie J. Grant, Joseph Phaneuf

NORTH ADAMS: George J. Barone, Edward Bassi, Harold S. Bohl, Dorothy Blake, Donald E. Bunting, Celia Burdick, Angelo Ciavarella, Donald Christiansen, Edward Clark, Robert F. Daub, Frank DeMarsico, Joseph W. DeMarco, Rita D. DeMarco, Peter F. Esposito, Richard Filiault, Earl Frederick, Charles Goddard, Sr., Ruth J. Graziola, Orrin E. Hall, John Hebert, Mary Ann Hish, Gudrun Hutchins, Robert Janes, Karen Korn, Larry Kupiec, Raynor Linzey, Robert Lord, William S. Meiklejohn, Lotte M. Meyer, Vittor Milesi, George F. Morse, David Peth, William Pfister, Stanley D. Pitkin, H. Glenn Remington, Jr., Herbert L. Rice, John L. Sprague, Richard Szurek, Charles Tompkins, Simon J. Ulcickas, Jr., Robert Wariner, Alfred Whitman, Otto J. Wied, David Puppolo posthumously received a 50 year pin and special gift noting one-half century of service with the Company.

ORLANDO: Mertyce Fausett, Frederick Roto

SANFORD: Henry H. Gould, Roger O. Lavertu, Anthony B. Wayne, Daniel J. Donovan, Lawrence A. Valliere

VISALIA: Delmer Reberry, Roberta Hanson, Josephine Aguallo, Emma Wallis, Gabriela Plascencia

WICHITA FALLS: Joseph A. Demanche, William G. Tisdale

SPRAGUE QUALITY RECOGNIZED

The Delco Remy Division of General Motors Corporation has honored the Sprague Electric Company with a Quality Achievement Award in recognition of "outstanding quality performance" during the 1984 automobile year.

In presenting this award, Larry J. Salzman, Director of Reliability and Quality Control, said, "Maintaining profitability in today's market requires the ability to compete not only in the domestic arena but on a worldwide basis. Worldwide markets require products of 'World Class Quality' and this requires components which are '100% in Conformance — 100% of the Time.' Your organization has accepted this quality challenge and has provided commodities with a Quality Index of 140 or above for the 1984 model year — a feat recognized by the 'Quality Achievement Award.'"

Our solid tantalum plant at Sanford, our aluminum electrolytic plant at Hillsville, and the Hall Effect device operation at Concord, Mr. Salzman said "are to be commended for their quality performance," which earned these plants, and the Company as a whole, this coveted recognition.

LAUBER APPOINTED

J. Andrew Lauber has been appointed to the position of General Manager of the new Aluminum Foil Etch and Formation business unit it was announced by Thomas Browne, Vice President/Worldwide Product Manager. This business unit will provide formed anode foil to the Sprague Electric aluminum electrolytic capacitor plants as well as to customers throughout the world.

Andy brings 22 years of capacitor experience at Sprague to his new position. After working for two years at National Carbon Company, he joined Sprague in 1962 as an engineer in the wet tantalum operation in North Adams and progressed through positions of senior engineer and engineering manager. In 1969 Andy was appointed to QAR Manager for the wet tantalum and aluminum capacitor operations. After transferring to Clinton, Tennessee in 1977 as Aluminum Division QAR Manager, he concentrated on quality and reliability areas including presentation of reliability and life technical papers at two recent technical conferences.

Andy completed his BS in Chemical Engineering at Tufts University in 1959 and received his MS in Chemical Engineering from MIT in 1960. In 1965 he received his MS in Engineering Management from RPI and then continued to take a number of graduate courses in economics and price theory.

McPHILLIPS JOINS CERAMICS GROUP

It was announced by Robert Marlowe, General Manager, Ceramic Capacitor Operations, that Richard (Rick) B. McPhillips has joined Sprague Electric Company to assume the position of General Marketing

Manager for multilayer ceramic capacitors effective November 5, 1984.

Mr. McPhillips brings over 15 years of product and marketing management experience in electronics to the Ceramics Group. Most recently, he was a business consultant with an impressive client list. Prior to January 1984, Rick spent more than 14 years with the Electronic Products Division of Corning Glass Works.

Among Mr. McPhillips' accomplishments over this period was the creation of a joint-venture company in Taiwan for producing and marketing thick-film circuits for which he was the project manager. He has also managed the export/import details and worldwide marketing of thick-film circuits for Corning.

Rick, who received his BS degree in Business Administration from the University of Minnesota in 1978 and was awarded an MBA in Finance in 1981, is in the process of relocating to Wichita Falls with his wife and children.

SAN ANTONIO HEADLINES

Henry Cisneros' Visit — On December 4, 1984 the Mayor of San Antonio, Henry Cisneros visited the San Antonio Operation. The Mayor, who played a key role in attracting Sprague Electric Company to San Antonio, was very interested in the excellent progress the plant has made in the manufacture of tantalum capacitors. The Mayor spoke to almost every employee in the plant, asking questions about their jobs and congratulating them on their success. Some employees requested, and received, autographs from the Mayor. All in all, it was a very eventful day for Sprague's newest manufacturing facility.



Flag Raising — In the above picture, all employees of the San Antonio operation witnessed the dedication of their new flag pole. Taking a direct hand in raising the flag are Jim Dowden, who holds the number 1 clock number for the plant, and Dick Leavault, Industrial Engineer.

Halloween Festivities — On October 31, 1984, employees of both shifts held a Costume Dress-Up Day to celebrate All Hallow E'en. The winners in the Costume Contest, for First Shift, were: Mary Leon — Favorite Costume; Joe Diaz — Ugliest Costume; Terri Benavidez — Most Original Costume; and a group from the Front End (Rosa Martinez, Hortencia Ibarra, Mary Valdez, Frances Garcia, Mary Aguirre and Arnold Ramos) was chosen as the Most Colorful. On Second Shift, the winners were: Dolly Sanchez — Favorite Costume; Terry Maloney — Ugliest Costume; Oralia Perez — Most Colorful Costume; and Regina

Pelayo — Most Original Costume. More than thirty employees participated in what is sure to become an annual event.

Shipping Goals — San Antonio reached the one million unit level in shipping the week of October 8th, a significant goal for these new, but dedicated, employees. The achievement was celebrated the following week with a barbecue lunch for all employees, hosted and served by the management team.

AJ CELEBRATES

Who's that with her face in the pie? It's none other than Katie Snodgrass, Plant Manager, enjoying the pie eating contest at a special picnic held on September 14, 1984 to celebrate AJ meeting its third quarter production and sales goals.

Almost everyone joined in such games and contests as the three-legged race, pie eating contest, water balloon toss, egg toss, sack race and drinking contest (Kool-Aid from a baby bottle). Hot dogs and hamburgers were cooked and served by employees Bobby Short and Jeff Barnosky.

Door prize winners were David Mehall, Jeannie Hudson and Virginia Harrison.



Katie Snodgrass

CARROLL KILLEN TO HEAD CENTER

Carroll G. Killen, Senior Vice President for Marketing and Sales for the Sprague Electric Company, has been elected President of the Tantalum International Study Center for 1984-85. He succeeds Robert Franklin of STC Components of England.

The Tantalum International Study Center is an association of 74 refiners and manufacturers of tantalum metal and users of tantalum in Europe, North America and Africa. Headquarters are in Brussels, Belgium.

According to Killen, "The use of tantalum for all applications has been, and still is, increasing. In particular, demand for tantalum capacitors on a worldwide basis has been increasing at a substantial rate in 1984. A large increase in use can be anticipated next year by jet engine manufacturers as airlines have announced plans to retro-fit their aircraft with new engines which involve in their construction large amounts of tantalum."

ROY HONORED

Debbie Roy, Sprague Sanford's Occupational Health Nurse, has reason to be proud. On October 24, 1984, Debbie was the recipient of the Shering Award at a Nurse-Physician-Management Luncheon at Maine's Lost Valley Resort. In attendance, representing Sprague Electric Company, was Peter Maden, World Wide Vice President of Tantalum Operations.

The award is presented annually by the Shering Corporation and recognizes "one industrial nurse who has given outstanding service to occupational health through exceptional performance of professional responsibilities in all facets of this nursing specialty."

Upon receiving the award, Debbie spoke to the luncheon gathering about Occupational Health Nursing. Beginning with the history of the field in the 1890's, Debbie plotted the evolution of the Occupational Health Nurse. Far removed from the days of "Band-Aids and aspirin," Debbie said, today's occupational health practice "requires knowledge in many areas such as toxicology, ergonomics, counseling, safety, marketing, and management."

She also spoke of sound occupational health programs that include seven basic areas: health assessments, crisis intervention and counseling, health education and promotion, safety hazard surveillance, injury prevention, illness and injury management, and community exposure and involvement.

In the two and one half years since joining Sprague Electric, Debbie has been active in the fostering of these areas within the Company and she belongs to several occupational health associations on both the local and national levels. Debbie has also been instrumental in the various health screening programs conducted in the Sanford plant, such as hypertension and diabetes screening, and is well-versed in the subjects of safety, personal counseling referrals, First Aid and CPR training, hearing conservation, ergonomics and health assessment.

In addition to the award plaque, a check in Debbie's name was presented by the Shering Corporation to the Maine Association of Occupational Health Nurses to add to their education fund.

SPRAGUE CONCORD OPENS HOUSE

On Saturday, September 22, 1984, Sprague opened its doors to employees, their families and the general public so they could learn more about what we do at Sprague Concord. The plant was open from 10:00 a.m. to noon for employees and their families, and from noon to 3:30 p.m. for the public. Nearly 1000 people took the opportunity to tour the facility.

The cafeteria was set up with product displays and a video presentation to orient people with our major products. Then the visitors, in small groups, were taken on a guided tour to see and hear more about our operation.

Refreshments were served and the day, we are told, proved to be a success for all concerned.

AJ EMPLOYEE CITED

Kimberly McBee, a coilwinder, was named Employee of the Quarter for the third quarter of 1984. Kim, who has been with Sprague Annapolis for almost two years, was presented a plaque and a \$50.00 Savings Bond by Plant Manager, Katie Snodgrass during a special celebration picnic held on September 14, 1984.



Kim McBee

SUGGESTION PAYS OFF

On December 5, 1984, Bob Higgins, a machinist in the maintenance department in Sprague Visalia, received a check in the amount of \$3,081.29, the largest award ever made to a Visalia employee for a suggestion.

Bob's suggestion, which resulted in a substantial labor savings and was instrumental in Visalia achieving its goal of one million pieces produced per week on the "E" process, involved placing shuttle shafts on the trim and form dye for the "E" process.

The Sprague Log joins with the Visalia management in congratulating Bob for his outstanding suggestion.

CHENAIL PACES SPRAGUE HARRIERS

On September 29, 1984, twenty-six Sprague Electric Company runners took to the road to compete in the Ninth Annual Corporate Invitational Run at Pepsico in Purchase, New York. Sprague, one of thirty-three corporations participating in this event, was paced by North Adams' Michele Chenail who posted a first place finish in her age group (sub-master) and ninth overall in the 5 kilometer Women's Division.

In those events where we were able to field a team (minimum four runners), we achieved the following efforts: 10 kilometer race, masters division — 5th place (Fred Thompson, Bob LaNigra, Ray Lussier and Wallace McDonald); 5 kilometer race, open division — 9th place (Bob Wadja, Bob Ertsgard, Lewis McDonald and David Felper); 5 kilometer race, masters division — 10th place (John Childs, Bob Foisy, Jerome Koenig and Wayne Kaiser); Predicted Mile run — 8th place (Leon Beverly, Ray Lussier,

Michele Chenail and Louise McManus); and Mile Mixed relay — 6th place (Mary Ann Theriault, Louise McManus, Bob Wadja and Fred Thompson).



In addition to the above, there were other outstanding individual efforts turned in during the morning of competition. Mary Ann Theriault placed second in the grandmaster age category of the 5 kilometer Women's Division while our overall top performers in the 5 kilometer and 10 kilometer were Bob Wadja and Fred Thompson, respectively.

The following is a list of all participants, by their location: Lexington — Donald McGuinness and Douglas Smith; North Adams — Fran Abusil, Leon Beverly, Michele Chenail, John Childs, Robert Cummings, David Felper, David Horton and Jerome Koenig; San Antonio — Fred Thompson; Sanford — Robert Foisy, Charles Glover, Wayne Kaiser, Robert LaNigra, Wallace McDonald, Lewis McDonald, Kandy Provencher, Elaine Theriault and Mary Ann Theriault; Worcester — Guy DiMarzio, Robert Ertsgard, David Kaplana, Louise McManus and Robert Wadja; Framingham (MA) — Raymond Lussier.



Next year will mark the 10th anniversary of the Corporate Invitational Run. After this year's performance, it is obvious that we have the nucleus of runners necessary to be competitive and, with the addition of several serious participants, we may be able to bring home some trophies in 1985. Even if we do not, the fun of participating in this event certainly makes it an enjoyable day and worthwhile for all.

CONCORD HONORED AGAIN

Presentations to the Discrete Semiconductor Packaged Division in Concord, New Hampshire, were made by Tektronix and Motorola Automotive. The plaque awarded

by Tektronix was presented to Nate Chapman and Ruth Cotton in Beaverton, Oregon, on October 29, 1984. In accepting the award, Ruth Cotton stated that "the mission of the Concord Semiconductor Operation was to serve customers and the award was a manifestation of service that mattered. Tektronix is a key customer to our operation and we intend to set a standard for which all of Sprague Electric can strive."

The Motorola award was received by Nate Chapman in Sequin, Texas. Concord has supplied over 10,000,000 TO-92 transistors to Motorola during 1984, all with exceptional quality.

MORESI NAMED GM

It was recently announced by Thomas Browne, Vice President/Worldwide Product Manager that Joseph A. Moresi has been named General Manager of Hillsville Aluminum Capacitor Operations with direct responsibilities for product planning and development, marketing, manufacturing and finance.

Joe brings to his new position thirty-four years of capacitor and business experience that started with Sprague in 1950 as a product development engineer. He was assigned to aluminum electrolytic capacitors in 1956 and progressed to the positions of Section Head, Chief Engineer, Department Head and Operations Engineering Manager for aluminum foil and capacitors and wet tantalum capacitor engineering.

Joe's long service in the field of aluminum capacitors also includes extensive experience gained through participation in special assignments and programs with our domestic, European and Far East manufacturing, marketing and sales groups.

Joe received his BS Mathematics and Physics Minor from St. Michaels College in 1950. His service in the U.S. Air Force in 1944-46 included engineering study at the University of Maine and the completion of radio, electronic and radar technical school. Joe holds four U.S. patents and has authored five technical papers pertaining to electrolytic capacitors.

SPRAGUE
THE MARK OF RELIABILITY

LOG

BULK RATE
U.S. POSTAGE
PAID
North Adams, MA
Permit No. 458

WORCESTER PLANT EXPANDING

Construction of a new two-story, 45,000 square foot office building is underway at the Worcester Operation. Also under construction is a smaller building which will house a new waste treatment plant and DI water system.

Temporary office space now being occupied by engineering personnel (5 trailers) will be removed upon completion of the new building and engineering, as well as other office personnel, will be moved into the new structure. This will provide space so that production areas can be expanded to meet the ever-increasing demand for Sprague Integrated Circuits.

The new building, which will have a grey brick facing to blend in with the present structure, is phase one in further expansion at Worcester.



Richard Morrison, GM, driving bulldozer for groundbreaking ceremonies.

'TIS THE SEASON

If it's December in North Adams, it must mean that the Santa Fund is busy raising money so that toys and clothing can be provided to the area's needy children for Christmas.

Begun twenty-seven years ago when members of the Sprague Electric Company Management Club wanted to do something special for the children in the community, the Santa Fund has grown into its own corporation staffed by Sprague employees and employees from The Transcript, a local newspaper. The efforts and generosity of those who volunteer to work on the Santa Fund and those who contribute to the various fund-raising activities sponsored by this organization have also grown over the

years. Bob Armitage, first co-chairman of the Santa Fund, estimates that during the first year of the Santa Fund, approximately 500 children received gifts after a total of \$550.88 was raised. In 1983, 1,295 children received gifts and donations totaled \$19,049.

December, 1984 has seen the Santa Fund more active, and innovative, than ever. There has been, in addition to individual contributions, a Pancake Breakfast (enjoyed by 300 people), a Trivial Pursuit Tournament (which raised \$200), a Road Race (\$127 raised) and a Santa Fund Raffle at Sprague North Adams (nearly \$900 in contributions). The winners of this year's Raffle, with the prizes they won, are: Donald Roy (Cabbage Patch Doll); Ron Les (Clock Radio); Donna Thomann (The Spring's Dinner for 2); Edward Karnas (Weekend Video Rental); Sandy Blazejewski (Christmas Tree); Peter Tomy (Set of Movie Passes); Mary O'Neil (Set of Movie Passes); Kim Briggs (Silk Flower Arrangement); Betty Vitro (Transcript Subscription); Marie Beauchamp (1/2 Gallon of Maple Syrup). The total raised for 1984 was not known as this issue of the Log went to press.

Critical to the Santa Fund are those people who give their time and energy without complaint or fanfare to making it such a successful activity. This year's Santa Fund Committee was comprised of:

Co-Chairpersons: Pat Herring, Charlie Gravel — Sprague Electric Management Club; Peter Tomy, Arthur Kitter — North Adams Transcript

Typing: Norma Hayes/Virginia Kemp Telephone: Doreen Kozik

Screening: Rachel Molinari

Finance: Mary Ann Hish

Coin Boxes: Ron Hadley

Inplant Collection: Marion Manion

Delivery: Gene Baker/Tim Driver

Buying: Claire Piaggi/Rachel Molinari/ Doreen Kozik/Bob Armitage

Wrapping: Don Meiklejohn/Mark Markarian

Computer Input: Fran Mirante

Publicity Reporter: Ann Gibbons

Publicity Collector: Virginia Kemp

Outside Activities:

Pancake Breakfast: Claire Piaggi

Trivial Pursuit Tournament: Art Kitter

Raffle: Gail King, Pat Herring

The Log joins with the entire Northern Berkshire community in congratulating those persons associated with the Santa Fund on their usual job well done.

Some Wrappings Can Spoil The Holidays

Please Drive Carefully!